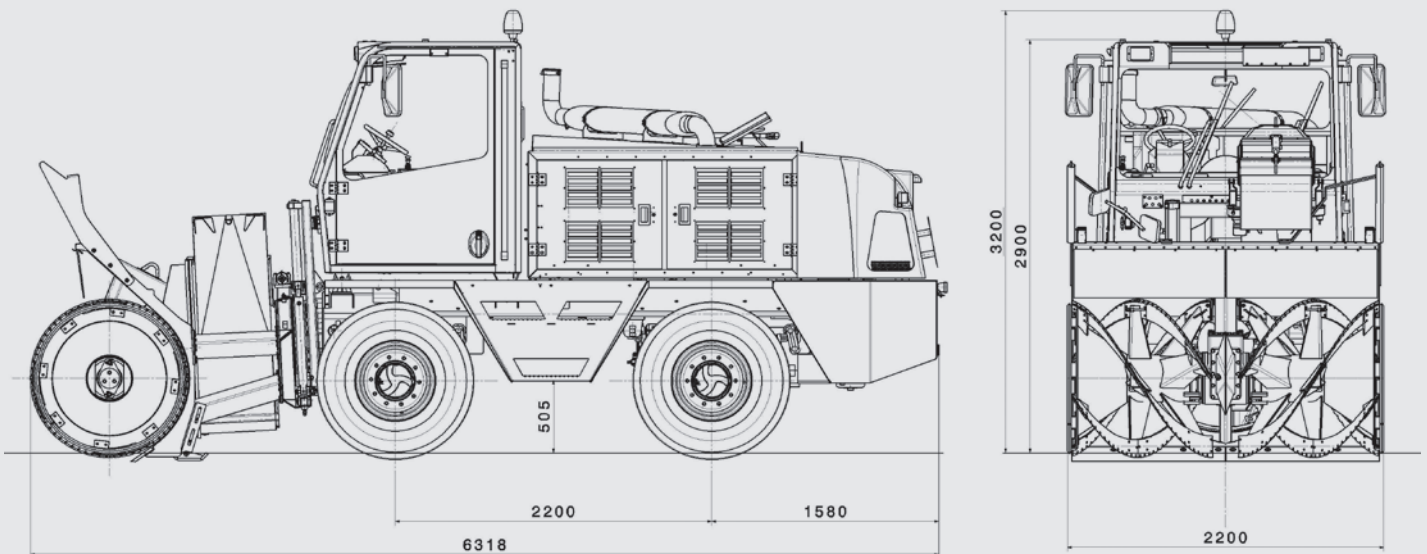


Specifications

ROLBA 600 Snow Blower



Dimensions

Overall length	6100–6300 mm
Width	2100–2960 mm
Height (including rotating beacon)	3200 mm
Wheelbase	2000 mm
Track	1532 mm
Outside turning radius, incl. blower head with 4-wheel steering	ca. 5.0 m

Weight

GVW approx.	9800 kg
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Engine

Mercedes OM 906 turbocharged and inter-cooled diesel engine, 6 cylinders, 6370 cc, 205 kW/280 HP.

Euromot 3a emission compliant.

Fuel consumption, depending on application	19–35 l/h
Fuel tank capacity	430 l
Electrical system	24 V
Battery	2 x 170 Ah

Drive system

Infinitely variable and reversible hydrostatic drives for both the vehicle and blower, automatically controlled by an electronic load-sensing system. 2-speed vehicle drive.

Hydraulic system

Hydrostatic drive: see above. Hydraulic system for controlling movement of the blower head using proportional valves. Also see steering and brakes below.

Driving speed

Working speed	0.3 to 40 km/h
Travel speed	45 km/h

Axles and steering

Permanent 4-wheel drive. Differential lock on both axles. Selective hydrostatic steering: 4-wheel, front-wheel, rear-wheel or crab steering.

Brakes

Hydraulic dual circuit braking system with wet disc brakes front and rear. Continuous braking through hydrostatic drive. Parking brake on both axles.



Elevating cab

The ROLBA 600 features an (optional) elevating cab that can be variably adjusted by 700 mm in height to provide the operator with even better all-round visibility.



Castor wheels

For high-speed snow removal operations, especially at airports, castors and plastic scraper blades are often used to protect surfaces.



Spot casting

Optional chutes of varied design are available for spot casting or truck loading.

Chassis

Welded rectangular steel tubing frame. Leaf spring suspension front and rear.
Tyres 365 / 80 R 20 MPT.

Cab and engine compartment

Comfortable, flexibly mounted, sound-proofed cab. Corrosion protection. Two lockable doors with sliding windows. Safety glass throughout. Electrically heated windscreen, side and rear windows and skylight. Large heated rear view mirrors. Heater with multi-speed fan. Sun visors. Two-arm parallel 2-speed windscreen wipers with automatic park, intermittent speed control and a wipe/wash system. Fully adjustable suspension seat for operator comfort. Adjustable steering wheel. Clearly and ergonomically arranged controls and instrumentation. Temperature and fluid level gauges with audible alarms. Detachable, rotating beacon on cab roof. Tool kit.
Engine compartment with large service doors and hinged cover. Colour: orange (RAL 2011) or yellow (RAL 1004). Base colour: silver.

ZAUGG/ROLBA 2-stage rotary snow blower

ZAUGG SF 90-100 blower head	
Clearing capacity	ca. 2250 t/h
Cutting reel diameter	900 mm
Impeller diameter	1000 mm
Clearing width	2100 to 2960 mm
Clearing height in one pass	1300 mm
Casting distance	up to 40 m

ZAUGG SF 110-100 blower head	
Clearing capacity	ca. 2250 t/h
Cutting reel diameter	1100 mm
Impeller diameter	1000 mm
Clearing width	2100 to 2960 mm
Clearing height in one pass	1500 mm
Casting distance	up to 40 m

ROLBA blower head	
Clearing capacity	ca. 2250 t/h
Cutting reel diameter	1100 mm
Impeller diameter	1170 mm
Clearing width	2200 mm
Clearing height in one pass	1500 mm
Casting distance	up to 40 m

General data on the ZAUGG blower head

<i>Height adjustment</i>	
Vertical movement	400 mm
Down pressure and front tilt	-100 mm
Side tilt	9° each side
Front tilt	13°
Chute, swivelling	left 45°/right 45°

<i>Overload protection</i>	
Cutting reel	Overload clutch
Impeller	Shear bolts

Cutting blade in highly wear-resistant steel, replaceable
2-part scraper blade, replaceable
Mechanically adjustable skid shoes

General data on the ROLBA blower head

<i>Height adjustment</i>	
Vertical movement	450 mm
Down pressure and front tilt	-160 mm
Side tilt	9° each side
Front tilt	6°
Chute, swivelling	left 45°/right 80°

<i>Overload protection</i>	
Cutting reel	Shear bolts
Impeller	Shear bolts

Cutting reel and impeller available with optional shut-off clutch.

Cutting blade in highly wear-resistant steel, replaceable
2-part scraper blade, replaceable
Mechanically adjustable skid shoes

Options

- > Various chutes: casting chute with hydraulic deflector, rotating 320°; chute combination for direct discharge; hydraulic folding chute; chute extension
- > Castor wheels for blower head
- > Kerb guard
- > External preheating of fluids
- > Rear working light, mounted on engine compartment
- > Additional spotlights on blower head
- > Snow chains; spare wheel
- > Auger cover
- > Heated electric side windows
- > Variable cab elevation + 700 mm
- > Fixed cab elevation + 300 mm
- > Other options on request

Subject to technical changes without notice.

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